TIMOTHY J. O'CONNOR

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PROFESSIONAL EXPERIENCE

FILED 12-02-16 11:20 AM

Senior Attorney and Director, Legislative and Regulatory Affairs, Climate and Energy Program, Environmental Defense Fund, Los Angeles, CA (July 2015 – present)

Other positions held at EDF: Senior Attorney, (2014 – present)

Director, California Climate Initiative (2011 – 2015)

Climate Change Policy Analyst and Attorney (2009 – 2011)

Regulatory Advocate (2007 – 2008)

- Currently direct and participate in EDF research, advocacy, technical information development and external communications on issues centered around oil and natural gas policy issues considered at California agencies, local and state elected bodies, federal agencies, and as covered by media outlets. Prior to this current assignment, I maintained several roles in the organization's California offices, including managing work on cap-and-trade design and implementation, low carbon fuels and clean energy integration. Within these roles, I have appeared in state and federal courts, commissions and agencies both as a formal party and amicus curiae on wide variety of issues natural gas, cap and trade, carbon offsets, clean energy, alternative fuels, power plant siting and divestment, electric vehicles, smart grids, and energy storage.
- Upon promotion to Director in 2011, actively developed and managed long-term work plans and budgets while also participating in fundraising activities to support EDF's California Climate and Energy Program efforts. And, since mid-2015, directed EDF's cross programmatic coordination efforts for over 20 staff and consultants working on California climate and clean energy policy, and over 35 attorneys working across EDF's multi-state Climate and Energy Program.
- Since joining EDF, have personally developed and sponsored eight separate pieces of California legislation, and participated in dozens of advocacy campaigns in the state legislature on issues involving long-term climate reduction targets, cap and trade, natural gas, gasoline and diesel fuels, ozone depleting substances, and greenhouse gas emissions offsets.

Senior Air Quality Inspector, Bay Area Air Quality Management District, Enforcement Division San Francisco Bay Area, CA (Sep. 2001 – Dec. 2006)

Positions held at BAAQMD: Senior Air Quality Inspector (2005 – 2006)

Air Quality Inspector II (2003 – 2004) Air Quality Inspector I (2001 – 2003)

Performed environmental enforcement, audits and rule development at one of the nation's leading
air quality regulatory agencies by conducting on-site assessment of environmental management
systems and plant operations with an emphasis on petroleum refineries, landfills, power plants,
fuel terminals, natural gas production sites, and heavy industrial manufacturing facilities.
Inspection duties included operations and engineering analysis to evaluate compliance with state
and federal laws and permits, investigating violations and air pollution release events, and leading
industry compliance and rule development audits.

- As a senior staff member in the enforcement division, collaborated with outside enforcement agencies in task forces and case development; coordinated with in-house legal counsel and local District Attorneys; and assisted agency engineers perform permit renewals and revisions.
- Assisted new regulation development through writing and reviewing drafts of new and amended
 rules and policies, participating in community workshops and industry workgroups, designing
 and implementing industry audits, and preparing briefing reports for agency management.

Law Clerk, U.S. Department of Justice, Environment and Natural Resources Division San Francisco, CA (Sep. 2005 – Dec. 2005)

• Researched, drafted memos and court filings for ongoing CERCLA and Clean Water Act cases.

NNEMS Fellow, U.S. Environmental Protection Agency Office of Air Quality Research Triangle Park, NC (June 2000 – May 2001)

• Conducted research and technical assistance related to animal feeding operations and air quality.

EDUCATION

JURIS DOCTOR, Dec. 2006 | Golden Gate University School of Law, San Francisco, CA *Concentration Certificates*: Env. Law, Public Interest Law *Study abroad*: University of Florida, Costa Rica Env. Law Program, Summer 2005

MASTER OF ENV. MANAGEMENT, May 2001 | Duke University, Durham, NC Nicholas School of the Env., *Concentration*: Environmental toxicology, chemistry and risk assessment. *Master's thesis*: Particulate matter formation at an open air swine waste lagoon.

BACHELOR OF SCIENCE, August 1998 | University of Oregon, Eugene, OR *Major*: Environmental studies. *Minor*: Biology *Studies abroad*: University of Iceland, Summer 1997, Semester at Sea, Fall 1997

PROFESSIONAL MEMBERSHIPS AND CERTIFICATIONS

- District of Columbia Court of Appeals, Bar # 1029800, active (Admitted 2015)
- Certified Qualified Environmental Professional (QEP) issued by the Institute of Professional Environmental Practice, Pittsburgh, PA (Reissued July 2015)
- U.S. Court of Appeals for the Ninth Circuit (Admitted 2012)
- U.S. District Court for the Eastern District of California (Admitted 2012)
- State Bar of California, Bar # 250490, active (Admitted July 2007)
- Certified Hazardous Materials Manager (CHMM) certification (2003), (expired)

RELEVANT RESEARCH & MEDIA

- O'Connor, Viewpoints: "California Must Do More to Prevent Natural Gas Leaks", Sacramento Bee, December 2015
- O'Connor and Johnson, Opinion: "Imported gas key to curbing methane emissions", Capitol Weekly, June 2015
- O'Connor, Hsia, and Koehler, Driving California Forward, Public Health and Societal Economic Benefits of California's AB 32 Transportation Fuel Policies, EDF, June 2014
- O'Connor and Holmes-Gen, Opinion: "January countdown: Fuel policy good for health and wallet", Capitol Weekly, May 2014
- Hsia, Reyna and O'Connor, California Carbon Market Watch, A Comprehensive Analysis Of The Golden State's Cap-And-Trade Program / Year One 2012–2013, EDF, January 2014
- O'Connor, Dewey, McKenzie, Roberts and Skowronski, Invest to Grow: Investing AB 32 Proceeds to Grow California's Clean and Efficient Economy, EDF, 2012
- Herter, O'Connor and Navarro, Evaluation Framework for Smart Grid Deployment Plans: A
 Systematic Approach for Assessing Plans to Benefit Customers and the Environment. Herter
 Energy Research Solutions, EDF, 2011
- O'Connor, Anderson, Carlin and Fisher, Policy Recommendations for Selection & Development of Offshore Geologic Carbon Sequestration Projects Within Texas State Waters, prepared for U.S. Department of Energy, 2011
- O'Connor and Pasciucco, Green Jobs Guidebook: Employment Opportunities in the New Clean Economy, EDF, 2009

RELEVANT TECHNICAL & POLICY WORKING GROUPS

- Los Angeles County Oil and Gas Strike Team Advisory Panel, District 2 representative (2016-present)
- California Energy Commission Technical Advisory Committee (TAC) to develop long-term energy scenarios for the energy system (2016)
- Los Angeles Community Forest Advisory Committee, District 5 representative (2015 present)
- Bay Area Air Quality Management District Advisory Council (2012 2015)
- California Air Resources Board, Greenhouse Gas Reduction Protocol for Mine Methane Offsets in the California Cap-and-trade regulation Working Group (2013)
- Center on Climate and Energy Solutions (C2ES), GHG Accounting Method for Carbon Capture and Sequestration Projects Working Group (2011)
- California Air Resources Board, Air Quality Guidance for Siting Biorefineries in California Working Group (2011)
- Climate Action Reserve, Landfill Methane Project Protocol Working Group (2009)
- Western Governors Association, Western Regional Air Partnership, Oil and Gas Production Technical Workgroup (2009)
- Climate Action Reserve Livestock Manure Management Protocol Working Group (2007)

RELEVANT PROCEEDINGS & CASES

- (Ongoing) R. 15-01-008, Rulemaking to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leakage Consistent with Senate Bill 1371; Currently represent EDF as a Party at+ the CPUC;
- (Ongoing) R.14-03-003, Pacific Gas and Electric General Rate Case; Currently represent EDF as a Party at the CPUC
- (Ongoing) Rocky Mountain Farmers Union v. Corey, Case no: 1:09-cv-02234-LJO-BAM Currently act as co-counsel for EDF as an Intervenor-Defendant in Support of California's Low Carbon Fuel Standard (LCFS) before the U.S. District Court for the Eastern District of California; Favorable decisions rendered in the 9th Circuit Court of Appeals and U.S. Supreme Court
- (Ongoing) Doc. 08-AFC-08A, Application for the Hydrogen Energy California Power Plant Project ("HECA"), California Energy Commission (CEC); Currently represent EDF as a Party in support of environmental integrity standards related to the use of carbon dioxide for sequestration in the Elk Hills Oil field
- A.14-11-003 and A.14-11-004, San Diego Gas & Electric Company and Southern California Gas Corporation General Rate Case; Represented EDF as a Party at the CPUC
- Our Children's Earth et al., v. California Air Resources Board, Case No. A138830; Represented EDF as an Intervenor-Defendant in Support of California's cap-and-trade regulation before the California Court of Appeal, Final judgment issued in 2015 in support of EDF position
- Docket No. ER12-1856-000, et al., Order 741 tariff filing with the Federal Energy Regulatory Commission (FERC) by the California Independent System Operator (CalISO) (2012 2013); Represented EDF as an Intervenor-Party in support of the CAISO before the FERC
- A.11-06-006, Application of San Diego Gas & Electric Company (U902E) for Adoption of its Smart Grid Deployment Plan (2011); Represented EDF as a Party in comment on SDG&E's deployment plan; Final decision issued in support of EDF position
- A.10-11-010, Application of Southern California Edison Company (U 338-E) for Approval to Sell its Interest in Four Corners Generating Station before the CPUC (2010 2011); Represented EDF as a party in support of divestment; Final decision issued in support of EDF position
- R.10-12-007, Rulemaking Pursuant To Assembly Bill 2514 to Consider the Adoption of Procurement Targets for Energy Storage Systems (2010 2011); Represented EDF as a Party; Final decision issued in partial support of EDF position
- California Energy Comm. v. Superior Court of the State of California, Riverside, Case No. RIC10005849 (2010); Amicus Curiae Brief submitted to the California Supreme Court in support of CEC Program; Final judgment issued in 2010 in support of EDF position
- R.09-08-009, Rulemaking on alternative-fueled vehicle tariffs, infrastructure, and policies to support California's greenhouse gas emissions reduction goals. (2009 – 2010); Represented EDF as a party before the CPUC; Final decision issued in 2010 in support of EDF position

RELEVANT PRESENTATIONS

- California State Bar, Annual Environment Law Conference at Yosemite, "State of Methane Regulations" (October 2016)
- California Air Resources Board Methane Symposium, "Methane: Using New and More Data to Manage Rising Risk in a Carbon Constrained World", Sacramento, CA (June 2016)
- Climate Action Reserve, Navigating the American Carbon World, "Infrastructure for a Clean Energy Economy", San Diego, CA (May 2016)
- California Energy Commission, Integrated Energy Policy Report Workshop, "AB 1257 update on natural gas markets and methane leakage", Sacramento, CA, (June 2015)
- U.S. EPA, Climate Leadership Conference, "Contribution of California's AB 32 to Economy-Wide Pollution Reductions Amid Economic Recovery" Washington D.C (Feb. 2015)
- California Biodiesel Association, Annual Conference, "Domestic and International significance (Environmental and Economic) of California's Fuel Transition", Sacramento, CA (Feb. 2015)
- State Bar of California, Annual Environment Law Conference at Yosemite, "Expansion of Capand-Trade to Cover the Transportation Sector", Fish Camp, CA (2014)
- Argus California Carbon Summit, "General Session: Cap-and-Trade Today and the Upcoming Role of Fuel Markets", Napa, CA (2014)
- U.S. EPA, Western Climate Collaborative Partners Meeting, "Natural Gas for Goods Movement: Current and Future Emissions Performance", San Francisco (2014)
- EDF, National Reporter Briefing, "Driving California Forward, A Report on Public Health and Societal Economic Benefits of California's AB 32 Transportation Fuel Policies: LCFS and Capand-Trade Regulations", San Francisco, CA (2014)
- Law Seminars Int., "California Carbon Market Watch: A comprehensive analysis of the Golden State's cap-and-trade program, YEAR ONE: 2012-2013", San Francisco, CA (2014)
- Univ. of California, Davis, Conference on Policy and Land Use Change, "California Low Carbon Fuel Standard, Incentives and Legal Constraints to Avoid Land Use Change", Davis, CA (2014)
- National Biodiesel Board, National Conference, "State Policy Update, California Low Carbon Fuel Standard (LCFS)", San Diego, CA (2014)
- University of California, Irvine, 1st Annual Conference on Environment and Energy "Energy Development and Environmental Protection", Irvine, CA, (2013)
- Climate Action Reserve, Navigating the American Carbon World, "Crossing the Ice Field: Key Legal Topics for California Climate Initiatives", San Francisco, CA (2013)
- California Independent Energy Producers Association Annual Meeting, "AB 32 & Cap and trade 'Nuts and bolts'", Lake Tahoe, CA (2012)
- International Energy Agency, 3rd IEA International CCS Regulatory Network Meeting, "NGO Perspectives of CCS Developments", Paris, France (2011)